

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008295**Date Inspected:** 02-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Yu Dong Ping		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No
Weld Procedures Followed:	Yes	No
Verified Joint Fit-up:	Yes	No
Approved WPS:	Yes	No
Delayed / Cancelled:	Yes	No

Bridge No: 34-0006**Component:** Tower and OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 3-

This QA inspector performed Ultrasonic Testing (UT) verification of the areas previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The members were identified as Floor Beam Complete Joint Penetration welds. The weld identification numbers are as follows: FB003-202-008, 020, FB003-180-008, 020, SSD13-PP102-137 and SSD1-PP107-137.

Bay 9-

This QA Inspector observed the following work in progress: FCAW welding U rib splice weld DP3043-001-023. ZPMC welder was identified as 201250. ZPMC QC is identified as Sun Bo. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-B-U2-F.

Bay 10-

This QA Inspector observed the following work in progress: SAW welding of Tower Lift 3 Corner weld joint NSTL3-3 B/K- 85B. ZPMC welders were identified as 040460, 201750, 040489 and 052917. ZPMC QC is identified as Wang Chuan Qin. The welding appeared to be in conformance with welding procedure specification,

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WPS-B-T-2221-C-U2b-S-2.

Bay 11-

This QA Inspector observed the following work in progress: SAW welding of West Tower connection plate welds WD1-A5007-13 through 16 1A . ZPMC welder was identified as 047304. ZPMC QC is identified as Yu Dong Peng. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-3221-TC-U5-S-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation occurred between QA and QC this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
